Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 23 Feb 2022 until 23:59 on Thursday 24 Feb 2022

Forecast Issued on Wednesday 23 Feb 2022 at 00:05

Confidence: High for generally unsettled and windy conditions but Friday is looking like the exception as a ridge moves over the UK.

Headline for Wednesday 23 Feb 2022: Windy but mainly dry during daytime.

Mountain weather hazards on Wednesday 23 Feb 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Cloudy	Cloudy	Cloudy	Cloudy	Heavy Rain
Precipitation probability					
10%	10%	20%	40%	40%	70%

Forecast for Wednesday 23 Feb 2022

Weather: Dry with clear spells overnight. Mainly dry during the day with bright spells but there could be the odd passing shower in the afternoon. A band of rain will move south during the evening, becoming heavy for a time, then turning to snow above 400m late in the evening.

Chance of cloud-free hill tops above 600m: 80% during the day. Becoming 20% from early evening.

Low cloud and visibility: Mainly good visibility but some patchy cloud above 500 or 600m in the west. However, becoming poor in the evening with cloud descending to 300 or 400m later.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 23 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/42 SW	32/44 SW	35/47 SW	33/45 SW	32/45 SW	30/43 SW	21/30 W
300	22/34 SW	24/36 SW	27/39 SW	24/35 SW	24/36 SW	23/38 SW	15/23 W
Valley	12/31 SW	15/33 SW	19/38 SW	17/35 SW	16/34 SW	17/35 SW	12/25 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	2/-6	4/-3	5/-2	4/-3	3/-4	1/-6
300	3/-2	4/-2	7/2	8/3	7/2	6/0	4/-1
Valley	3/-1	5/0	8/4	8/4	7/3	6/2	4/-0
Freezing Level*	800m	900m	1000m	1100m	1100m	1000m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A windy day with gusts of 50 to 60mph giving difficult walking conditions on the tops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 23 Feb 2022	5.6mm	14.4mm	53.8mm

Forecast for Thursday 24 Feb 2022

Weather: Rain, sleet or snow clearing southeast overnight. A bitterly cold day with bright spells and a few passing snow showers. The showers turning more frequent and heavy during the evening with a small chance of hail and thunder.

Maximum wind: West or southwest 25 to 30mph, gusts 45mph.

Chance of cloud-free hill tops above 600m: 70%, becoming 30% in the evening.

Low cloud and visibility: Mainly good visibility but occasionally poor in showers with patchy cloud down to 400m. More extensive periods of poor visibility in the evening cloud down to 400m and blizzards on the tops.

Temperature: **Valleys:** Plus 2 to 4 Celsius, occasionally 0 Celsius in snow showers.
At 600m: Minus 1 or 2 Celsius.
Freezing level: 700m at midnight, falling to 200m by dawn, rising to 400m in evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.